

## Top Ten Highest Historical Crests: North Branch Susquehanna River at Vestal

Latitude: 42.091

Period of Record: 1935-Present

Longitude: -76.056

Flood Stage: 18

Last Flood: 4/10/2015

Total Number of Floods: 91

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
9/8/2011	35.26	129,000	The remnants of tropical storm (TS) Lee moved up the Appalachian Mountains and interacted with a quasi-stationary east-west frontal boundary. 10 to 15 inches fell at numerous locations in Central PA and NY.
6/28/2006	33.66	119,000	A stationary front and thunderstorms brought widespread, but locally heavy rainfall to the area. Total precipitation amounts ranged from 4-6 inches over the Lower Delaware to 9-11 inches over the headwaters of the James.
3/18/1936	30.50	107,000	Two successive rainstorms combined with snowmelt flooded the Eastern Seaboard from Virginia to Maine. A total of 150 to 200 lives were lost and damage estimates were over \$1 million.
4/3/2005	29.14	97,000	A Maddox Synoptic Type system produced 1-2.5 inches of rainfall over the North Branch Susquehanna and Lower Potomac, and 2-4 inches of rain over New Jersey and Pennsylvania.
1/20/1996	27.86	89,100	Southerly winds, high dewpoints and intense rainfall caused a rapid snowmelt. The resultant flooding was the worst to hit the entire MARFC area since 1972.
3/22/1948	27.73	92,400	Streams remained high after flooding a few days earlier. A warm front followed by a wave of low pressure produced an additional 0.5 and 1.5 inches of rain respectfully.
12/31/1942	27.41	90,500	Snowmelt combined with rain. 3.5 to 5 inches fell over the Susquehanna River basin during the last 4 days of December with lighter amounts elsewhere.
12/14/1983	27.03	84,200	Rainfall totals from 2 successive low pressure systems from 1 to 4 inches throughout the area.
3/6/1979	26.62	81,700	Severe ice jamming caused flooding of many rivers including the Susquehanna and Chenango Rivers.

Drainage Area: 3941 sq mi

Gage Datum: 799.19 ft MSL

North Branch Susquehanna Basin

County of Gage: Broome

County of Forecast Point: Broome

Date of Flood	Crest (ft)	Streamflow (cfs)	Wx Comments
4/1/1940	26.58	85,500	Low pressure produced 24-hour rainfall totals of 2.86 inches in Wilkes-Barre and 1.87 inches in Binghamton.

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Created 6/8/2016 10:11:13 AM

North Branch Susquehanna Basin

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